



SEQUENCE LISTING

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Gao, Youhe

<120> METHOD FOR PR-39 PEPTIDE REGULATED STIMULATION OF ANGIOGENESIS

<130> BIS-043 (BI-0004US)

<140> US 09/276,868

<141> 1999-03-26

<160> 12

<170> PatentIn version 3.3

<210> 1

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<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 1

Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro Pro
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Phe Phe Pro Pro Arg Leu Pro Pro Arg Ile Pro Pro Gly Phe Pro Pro
20 25 30

Arg Phe Pro Pro Arg Phe Pro
35

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<223> Xaa can be any naturally occurring amino acid

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<222> (7)..(8)

<223> Xaa can be any naturally occurring amino acid

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Pro Pro Xaa Xaa Pro Pro Xaa Xaa Pro
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Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg
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1 5

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<212> PRT

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Met Ser Ser Ile Gly Thr Gly Tyr Asp Leu Ser Ala Ser Thr Phe Ser
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Pro Asp Gly Arg Val Phe Gln Val Glu Tyr Ala Met Lys Ala Val Glu
20 25 30

Asn Ser Ser Thr Ala Ile Gly Ile Arg Cys Lys Asp Gly Val Val Phe
35 40 45

Gly Val Glu Lys Leu Val Leu Ser Lys Leu Tyr Glu Glu Gly Ser Asn
50 55 60

Lys Arg Leu Phe Asn Val Asp Arg His Val Gly Met Ala Val Ala Gly
65 70 75 80

Leu Leu Ala Asp Ala Arg Ser Leu Ala Asp Ile Ala Arg Glu Glu Ala
85 90 95

Ser Asn Phe Arg Ser Asn Phe Gly Tyr Asn Ile Pro Leu Lys His Leu
100 105 110

Ala Asp Arg Val Ala Met Tyr Val His Ala Tyr Thr Leu Tyr Ser Ala
115 120 125

Val Arg Pro Phe Gly Cys Ser Phe Met Leu Gly Ser Tyr Ser Ala Asn
130 135 140

Asp Gly Ala Gln Leu Tyr Met Ile Asp Met Ser Gly Val Ser Tyr Gly
145 150 155 160

Tyr Trp Gly Cys Ala Ile Gly Lys Ala Arg Gln Ala Ala Lys Thr Glu
165 170 175

- 4 -

Ile Glu Lys Leu Gln Met Lys Glu Met Thr Cys Arg Asp Val Val Lys
180 185 190

Glu Val Ala Lys Ile Ile Tyr Ile Val His Asp Glu Val Lys Asp Lys
195 200 205

Ala Phe Glu Leu Glu Leu Ser Trp Val Gly Glu Leu Thr Lys Gly Arg
210 215 220

His Glu Ile Val Pro Lys Asp Ile Arg Glu Glu Ala Glu Lys Tyr Ala
225 230 235 240

Lys Glu Ser Leu Lys Glu Glu Asp Glu Ser Asp Asp Asp Asn Met
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Ala Glu Arg Asp
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Glu Lys Glu Lys Glu Glu Asn Glu Lys Lys Lys Gln Lys Lys Ala Ser
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Glu Glu Arg Pro Gln Arg Lys Ala Gln Pro Ala Gln Pro Ala Asp Glu
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Ala Lys Glu Ser Leu Lys Glu Glu Asp Glu Ser Asp Asp Asp Asn Met
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